

CLAIMS:

1. An emissions control device including
 - (a) an elongate body portion having a plurality of channels which are angularly orientated to each other, and
 - 5 (b) each channel having at least one magnet positioned in the channel, the at least one magnet having a polar axis orientated to create magnetic fields directed at a common site adjacent to the body portion.
2. An emissions control device as claimed in claim 1 wherein the open faces are radially spaced at approximately 120 degrees.
- 10 3. An emissions control device as claimed in claim 1 or claim 2 including a tubular cover which houses the body and provides an opening common with the common site.
4. An emissions control device as claimed in any one of claims 1 to 3 wherein the magnet is mounted in a first of the channels are neo magnets.
- 15 5. An emissions device as claimed in any one of claims 1 to 3 wherein the magnets mounted in a second and third channels are ferrite magnets.
6. An emissions device as claimed in claim 3 wherein the cover is fabricated or moulded from aluminium tubestock.
7. A method of treating air fuel mixtures of an engine having a fuel
 - 20 injection system comprising mounting a device as claimed in any one of claims 1 to 6 mounted coaxially with a fuel intake rail of a fuel injection system.
8. A method as claimed in claim 7 wherein the device is mounted externally of the fuel rail.
9. A method as claimed in claim 7 wherein the device is mounted within
 - 25 the fuel rail.